Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No.1st and Final Bill AEE/YPR/SBR/172/14-15 Date 28/6/14

Division : **RR Nagara Division** Sub-Division: **Yashwanthapura Sub Division**

Bill Received No. 254 Dated 30/6/14 Cash Book Voucher No.....dated.....

Scheduled Docket No

Name of Work: Providing and laying HDPE water line in Chanappa Garden and Sundar Nagara, Block- 1 in JP Park Ward no 17.

Name of Contractor and Full Address : Sri Shivakumar K, #18, "Raghavendra Nilaya", 2nd Main Road, Chamundeshwari Layout, Vidyaranayapura Post, Bangalore 560 097.

Reference to Work Order No: 238/2013-2014 Date: 07/02/2014.

Certified that the measurements were taken by me on 28/06/2014 and recorded of pages 11943 to 11948 of measurement Book No. 120/13-14 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 28/6/2014 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment		
1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being.....percent Rs.....		
3) Deduct amount to be held in Balance		
4) Deduct Payment :		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No..... Amount adjusted towards cash advance recovery of		
b) Payments cost store or other materials supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash		
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments		
7) Net amount due to or from contractor		
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied		

Contractor's Signature

Received Rs.....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

(For use in the Office)

Witnesses :
1.
2.

Signature of Contractor

Dated.....

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

Executive Engineer

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Sl No	Description	Unit	Previous Quantity			Present Quantity			Total up to date Quantity	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as directed by the Engineer in charge.	Cum	-	-	-	2059.96	244.00	502629.40	2059.96	502629.40
2	Providing and fixing to wall, ceiling and floor High Density Polyethylene Pipes 6.00 kgf/sq.cm working pressure 90mm outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing excluding cost of fittings, complete as per specifications and as directed by the Engineer in charge.	Rmtr	-	-	-	2808.00	536.00	1505088.00	2808.00	1505088.00
3	Providing and fixing to wall, ceiling and floor High Density Polyethylene Pipes 10.00 kgf/sq.cm working pressure 25mm outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing excluding cost of fittings, complete as per specifications and as directed by the Engineer in charge.	Rmtr	-	-	-	2250.00	114.00	256500.00	2250.00	256500.00
4	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 20mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and as directed by the Engineer in charge.	Rmtr	-	-	-	0.00	211.00	0.00	0.00	0.00
5	Providing and fixing 25mm dia nipple, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	300.00	34.00	10200.00	300.00	10200.00
6	Providing and fixing reducer elbow 25mm to 20mm complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	600.00	44.00	26400.00	600.00	26400.00
7	Providing and fixing 20mm dia nipple, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	300.00	22.00	6600.00	300.00	6600.00
8	Providing and fixing HDPE 90 x 32mm saddle with brass nuts and bolts including cost of all materials, labour charges, HOM of equipments and testing excluding cost of fittings, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	600.00	375.00	225000.00	600.00	225000.00
9	Providing and fixing 20mm dia union, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	300.00	58.00	17400.00	300.00	17400.00
10	Providing and fixing 20mm dia hose coller, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	600.00	28.00	16800.00	600.00	16800.00
11	Providing and fixing 20mm elbow, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	600.00	19.00	11400.00	600.00	11400.00
12	Providing and fixing 20mm to 15mm reducer elbow, complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	600.00	24.00	14400.00	600.00	14400.00
13	Providing and fixing 20mm NP bib cock complete as per specifications and as directed by the Engineer in charge.	No.	-	-	-	300.00	202.00	60600.00	300.00	60600.00
14	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as directed by the Engineer in charge.	Cum	-	-	-	1444.61	65.00	93899.37	1444.61	93899.37
15	Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as directed by the Engineer in charge.	Cum	-	-	-	540.90	1200.00	649080.00	540.90	649080.00
16	Primer Coat/Tack Coat KSRRB M500-6. Providing and applying Primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as directed by the Engineer in charge.	Sqm	-	-	-	2008.64	47.50	95410.52	2008.64	95410.52

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Sl No	Description	Unit	Previous Quantity			Present Quantity			Total up to date Quantity	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
17	Bituminous macadam KSRRB 500-11. Providing and laying Bituminous Macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH /Chapter 5 60/70 grade bitumen and as directed by the Engineer in charge.	Cum	-	-	-	100.43	7205.00	723613.46	100.43	723613.46
18	Providing and applying Tack Coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 and as directed by the Engineer in charge.	Sqm	-	-	-	2008.64	19.00	38164.21	2008.64	38164.21
19	Providing and laying Semi Dense Bituminous Concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.0 to 4.5% by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% bitumen 60/70 grade (Grading II) and as directed by the Engineer in charge.	Cum	-	-	-	50.22	10451.00	524808.07	50.22	524808.07
20	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications and as directed by the Engineer in charge.	Cum	-	-	-	5.51	4812.00	26504.50	5.51	26504.50
21	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as directed by the Engineer in charge.	Cum	-	-	-	8.26	5696.00	47060.35	8.26	47060.35
22	Conveying the excavated earth silt debris and over burden earth etc., to a lead of upto 9 to 10 Kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete and as directed by the Engineer in charge.	Cum	-	-	-	615.35	101.56	62495.03	615.35	62495.03
	TOTAL						4914052.91			4914052.91

Total Amount Claimed in this bill is Rupees Forty Nine Lakhs Forteen Thousand Fifty Three Only.

Certificate:

1 Certified that the work has been completed satisfactorily as per the terms and conditions of the tender Agreement & As per approved Design, Drawings & Specifications on (Completion date)

2 The Work comes under the Juridiction of BBMP.

3 Certified that the contractor has made his own arrangements for procurement of materials such as bitumen, cement, steel, etc,

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